

CLAIMS

What is claimed is:

1. An apparatus, comprising:
a solar energy collector cell configured to convert light energy received from a light source into electrical current for transfer to a device; and
a portable substrate configured to support the solar energy collector cell, the portable substrate is adapted to be used in conjunction with one of a vehicle, a storage shed, a camping tent, a hut, and a building.
2. The apparatus as recited in Claim 1, further comprising a connector, coupled to the solar energy collector cell, configured to transfer the electrical current to a device.
3. The apparatus as recited in Claim 1, wherein the portable substrate is a comprised of a foldable material.
4. The apparatus as recited in Claim 1, wherein the portable substrate is a sun shield associated with vehicles.
5. The apparatus as recited in Claim 1, wherein the device is integral to the portable substrate.
6. The apparatus as recited in Claim 1, wherein the device is one of a fan, a cooling unit, a heat exchange unit, a portable entertainment unit, a computer, and a battery.

7. The apparatus as recited in Claim 1, wherein the portable substrate is configured to be positioned on an interior or exterior side of a window.

8. The apparatus as recited in Claim 1, wherein the solar energy collector cell is a photovoltaic cell connected to the portable substrate by a fastener.

9. A system for supplying power to a device, comprising:
solar energy collector cells configured to convert light energy received from a light source into electrical current;
a portable substrate configured to support the solar energy collector cells, the portable substrate is adapted to be used in conjunction with one of a vehicle, a storage shed, a camping tent, a hut, and a building; and
a connector, coupled to the solar energy collector cells configured to transfer the electrical current to the device.

10. The system as recited in Claim 9, wherein the portable substrate is comprised of a foldable material.

11. The system as recited in Claim 9, wherein the portable substrate is a sun shield associated with vehicles including a window.

12. The system as recited in Claim 9, wherein the device is integral to the portable substrate.

13. The system as recited in Claim 9, wherein the device is one of a fan, a cooling unit, a heat exchange unit, a portable entertainment unit, a computer, and a battery.

14. The system as recited in Claim 9, wherein the portable substrate is configured to be positioned on an interior or exterior side of a window.

15. The system as recited in Claim 9, wherein the solar energy collector cells are photovoltaic cells connected to the portable substrate by fasteners.

16. A sun shield for absorbing light entering a window, comprising:
solar energy collector cells configured to convert light energy received from a light source into electrical current,
a fastener configured to connect the solar energy collector cells to the sun shield, and
a connector, coupled to the solar energy collector cells configured to transfer the electrical current to a device.

17. The sun shield as recited in Claim 16, wherein the device is one of a fan, a cooling unit, a heat exchange unit, a portable entertainment unit, a computer, and a battery.

18. The sun shield as recited in Claim 16, wherein the solar energy collector cells are photovoltaic cells connected to the portable substrate by fasteners.

19. The sun shield as recited in Claim 16, wherein the sun shield is adapted to be used in conjunction with one of a motor vehicle, an automobile, an airplane, a storage shed, a camping tent, a hut, and a building.